

AWARDS

Awards from Tiny Countries, Part 1

By Ted Melinosky K1BV

DXers especially seem to enjoy working the little countries of the world. It's more of a challenge, plus it does something for the ego of the armchair traveler in all of us to casually mention to fellow workers that you chatted with Oman or a guy in the Solomon Islands. (No, you don't tell them the substance of your conversation was a frenzied "59 59 IN NEW JERSEY ---MY NAME IS BOB BOB 73 !!!" No, it's better they not know about that!)

Well, it's even better when you can show off a certificate for contacting these guys -- at least you don't have to exaggerate about that. Quite a few of these little countries do offer awards for making just a few contacts with their rare stations. Here is a selection. More next month.

Canary Islands: Canary Islands Diploma. Work different EA8 stations since 29 Apr 1971. Spain and Portugal need 60; other Europeans need 40, South and Central America and the Caribbean need 30, USA, Canada and Africa need 20; Asia and Oceania need 10. GCR list and 15 IRC's to: Diploma Islas Canarias, Apartado 860, Las Palmas de Gran Canaria, Canary Islands.

Corsica: Diplome de Corse. Contact at least 5 different resident TK stations. (FC's do not count, nor do portables or repeater contacts). SWL OK. No date or mode restrictions. Available for all cw, all phone, all rtty or mixed modes. Send photocopy of the qsl's plus 15 valid IRC's to: Roland Colin TK5CH, Awards Manager, rue Jean-Nicoll, Rocce Poretta, 20210 Porto Vecchio, Corsica, France

French Guiana: Guyane Award. Requires 6 contacts with FY stations. GCR list and 3 IRCs fee to: Christian Loit FY7AN, Cite Rebard, BP 746, 97305 Cayenne, French Guiana.

Monaco: Principality of Monaco Award. Contact three resident Monaco stations since 1 Jan 1980. Temporary expedition contacts with calls such as 3A0 or /3A do not count. Send cards or photocopies plus \$6US or 10 IRC's to: Association Des RadioAmateurs de Monaco, c/o C. Passet 3A2LF, 7 Rue de la Turbie, MC 98000, Monaco.

Oman: A4X Award. Contact A4X stations: 8 on ssb or 5 on cw. GCR and 5 IRC's to: Award Manager, ROARS, PO Box 981, Muscat, The Sultanate of Oman.

(K1BV publishes the K1BV DX Awards Directory).

Sciare Magazine, a specialist in winter sports, is sponsoring the Nansen 1888-Sciare 1988 award, to celebrate the 100th anniversary of the crossing of Greenland by ski, by the Norwegian explorer (and skier) Fridtjof Nansen. Accumulate 100 points by working stations in Paris (1), London (1*), Norway (1), Oslo (5*), Greenland (10*), Denmark (1), and Sweden (1*). Starred points are compulsory. Contacts with OX/I2DMK (editor of Sciare), and OX/I2BVS count 10 points per band and mode. Except for these two, no station can be contacted more than once. All QSOs during 1988. GCR and 3 IRCs to award manager Mario Ambrosi I2MQP, via Stradella 13, I-20129 Milano, Italy.

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

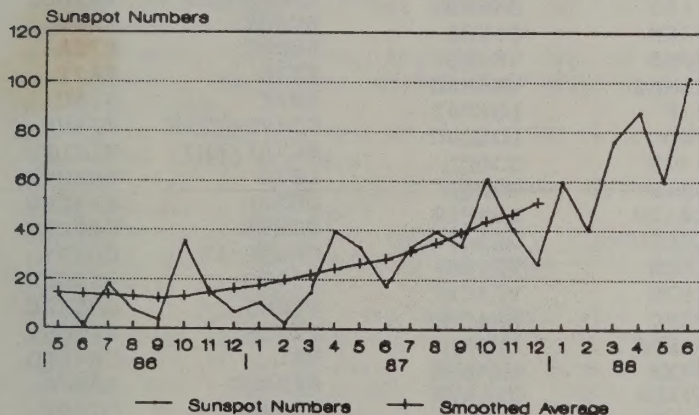
SPECIAL REPORT

Sunspot Cycle 22

The sunspot number for June, 1988 was 101.8, and solar flux averaged 140 for the month! This raised the 13-month smoothed sunspot number for December, 1987, to 51.3. July started off with a huge increase in solar activity, so look for more of the same this month.

Cycle 22 continues to run far ahead of any previous cycle, although the gap between Cycle 22 and the great Cycle 19 is closing. If present trends continue, look for smoothed sunspot numbers of 80-100 by this Fall, only two years after the start of Cycle 22. This would be higher than the equivalent point in Cycle 21 in the late 1970s, but below Cycle 19, of the late 1950s. In any case, be ready for excellent DXing this Fall!

Sunspot Numbers Raw and Smoothed Values



[For the past few months, The DX Bulletin has been making our own daily propagation forecasts, based on N4XX's charts. Although the early stages of a sunspot cycle are the most difficult to predict, because solar activity varies widely from week to week, The DX Bulletin's forecasts have been correct 69% of the time, not bad for our first try at the forecasting game. But always remember to check WWV at 18 minutes after the hour, and to tune the bands, in case it is one of the 31% incorrect forecasts! -ed.]

QSL INFORMATION

QSL Cards Received

| Card From Via | How Long | Card From Via | How Long |
|---------------|----------|-------------------------------|----------|
| 3A2EE | | VK0HI | 5 MOS |
| 3B8CF | | VK9MR | 4 YRS |
| 3B9FR | F6FNU | VK9YA | |
| 3X0HBR | 8 MO | VP2VDX | 2 WKS |
| 4M0ARV | | VP5LJ | |
| 4U1UN | NA2K | VP8BNO | 2 WKS |
| 5B4SA | N4GNR | VS6UO | 6 WKS |
| 5H1HK | | VU2TJW | 4 WKS |
| 5L2T | | VU4GDG | |
| 5N0WRE | | XF4/XE2HUM | 10 WKS |
| 5T5NU | | XF4CIS | 4 MOS |
| 5U7/TU4BR | 6 DAYS | XU1SS | 3 WKS |
| 5V7WD | 2 WKS | XU1SS | 2 WKS |
| 5Z4SS | 4 MOS | XX9MF | 2 WKS |
| 6J6UW | | YB3ASQ | |
| 8A7ITU | YB7BC | YN3EO | 1 MO |
| 8Q7MT | JQ1VFF | YX3A | |
| 8Q7VG | GW3WVG | ZK1XK | 3 MOS |
| 9H1EL | LA2TO | ZL0AFZ/9 | |
| 9J2AL | WD0HHM | ZL5BKM | 3 MOS |
| 9L1GG | | ZL7TZ | |
| 9M2HB | AA6BB | ZL9AMO | 4 MOS |
| 9N7YDY | JA8RUZ | ZL9BQD | 4 MOS |
| 9Q5DA | | Cards Received Direct: | |
| 9Q5NW | AL7EL | 3B8CF; 3V1ALI, 4 WKS; | |
| 9V1TJ | K0GYK | 5B4SA; 5B4TI, 1 MO; 5H3RB; | |
| 9X5AA | W4FRU | 5W1GF, 11 MOS; 7X2FK, 3 | |
| 9Y4VU | | WKS; 8R1RPN, 8 MOS; 9K2KW, | |
| A35WJ | | 2 WKS; 9N1MM, 6 WKS; BV2B, | |
| A61AB | F2CW | 3 WKS; BY0AA; BY1QH; | |
| C6A/WS4E | WS4E | BY4RB, 4 MOS; CE0FFD, 4 | |
| CE0ICD | | WKS; D44BC, 3 WKS; | |
| CI8HO | | DV1/K1BAZ; EP2HZ, 4 WKS; | |
| CN8FC | WA4QM | FD1MXQ/TT; FH8CB, 10 WKS; | |
| F2JD/A6 | F6AJA | FK8FF, 4 WKS; GU4WQP, 2 | |
| FO0ZR | WA9INK | WKS; H25/YU1FW, 1 YR; | |
| FR/G/FH4EC | F6FNU | HB0/DL1SCX, 6 WKS; | |
| FT5ZB | F2DX | HK0/HK1LDG; HK0HEU, 1 MO; | |
| FY5YE | | I88ITU, 1 MO; JY9LC, 5 | |
| HV3SJ | | DAYS; KC6HA, 6 DAYS; | |
| IK2GNW/FW | | KC6JC, 3 WKS; KH0/DK7PE; | |
| J34LTA | | KH1/NO1Z; KH1/VK9NL; | |
| J34WG | W5PWG | KX6DS; OX3GH; P29JP, 3 | |
| J52US | WA8JOC | MOS; PY0FZ, 4 MOS; PZ1AP, | |
| J6CQ | | 6 WKS; PZ1ZV, 3 WKS; | |
| J87BN | | SN5JP, 1 YR; T77V, 1 MO; | |
| JW6EDA | LA5NM | TA1E, 25 MOS; TA4A, 1 MO; | |
| JX5DW | LA5DW | TK/DL7HZ, 3 WKS; TR8JJC, 4 | |
| JX8KY | LA7ZO | WKS; UA9YX; UA9YFG, 3 WKS; | |
| KC6TM | | UL7NW, 1 MO; V85JB, 3 WKS; | |
| KH1/NO1Z | VK9NS | VK9LB; ZC4AP, 4 MOS; | |
| KH3/WY5L | | ZD8MAC; ZS3GB, 1 MO; | |
| KP5/NJ7D | NG7X | ZS7ANT. | |
| OH6XY/4U | OH3TY | Cards Received via Bureau | |
| P40V | | 4M0ARV; 4X75TA; 9L/DJ6QT; | |
| P40X | | A15AB; CE0DFL; CO7KR, 1 | |
| PY0FC | PY7XC | YR; CT3EU; EA8ID, 6 MO; | |
| PY0FZ | | HG0DG, 11 YRS; HS0B, 1 YR; | |
| PY1ZFO/0 | | LU1ZA; PZ1DV, 1 YR; RT0U; | |
| RZ1OWA | | S0RASD; UH8CA, 11 MOS; | |
| S0RASD | EA3AOC | UI8CAJ; UI9BWE, 8 MOS; | |
| T30JS | VK9NS | UP1BZZ, 1 YR; VS6UP, 1 YR; | |
| TA2AP | KB6LEA | ZC4DX; ZD7BJ; 5H3BAD, 6 | |
| TU2JT | | MOS. | |
| TU2QW | F6FNU | Important Notes: | |
| TU4BR/5U7 | KN4F | Times for returns are | |
| TX0A | F6HMQ | minimum times reported. | |
| TY9SI | DJ6SI | Items of special interest | |
| TZ6VV | N0BLD | are in boldface. Thanks to | |
| UI8LF | KA6V | the many DXers who | |
| V47Z | | contributed this information. | |

DX CALL

3B9FR
3DA0BW
3X0A/A
4K0DR
4K0DX
4S7RO
4U1UN
4Z5UX
5H1HK
5H3RB
5K7U
5N0ELT
5N0WRE
5N9GM
5T5EV
5T5NU
5V4WD
5V7RW
5V7WD
5Z4DU
6D2DX
6W7OG
7J0AAA/1
7P8DP
8J0ATC
8Q7MT
8Q7VG
8Q7XF
8Q7XI
9J2AL
9J2BO
9M2AX
9M2BZ
9M2HB
9M2RU
9N1MM
9N88ITU
9V1TJ
9V1XE
9X5NH
9Y4VU
A35AS
A4XKB
A71AU
A92EM
AX0NE
AX9NKG
AY3F
AY6D
C53GP
C53GS
CE2LZN
CI8CPU
CI8CW
CI8JH
CN8FC
CP8PAX
CP8XA
CQ7AUW
CR3EU
DJ2EY/SV9
EK0AA
EL2MS
EM1AA
EM3W
EM6AAK
EM7BRN
EO1AWL
EO2PPP
EO5BGH
EO9ACS
EU3A
EV4AW
EV9AW

QSL TO

F6FNU
AK1E
I8YGG
RW3DR
VE3CDX
DJ9ZB
NA2K
4Z4UX
JH4RHF
NM2R
HK7II
G4OHX
K4JZQ
I8XIU
DL3KCE
F6FNU
WB4LFM
WB4LFM
WB4LFM
KE4DA
NI7Y
F2YT
K1DG
W8JBI
JARL
JI1DBQ
GW3WVG
G3TXF
VK3DXI (88CB)
WD0HHM
W6ORD
JA5DQH
JA1VDJ
AA6BB/7
N6LHN
N7EB
JA8RUZ
K0GYK
VK3DXI (88CB)
DJ6EA
W3EVW
DJ9ZB
N4GNR
DJ9ZB
G3XHZ
VK9NS
VK6NKG
LU6FAZ
LU1DJU
G3DQL
G3DQL
LU9FFA
VE3CPU
VE1DH
VE3CKF
WA4QM
CP5AA
DL3NAZ
CT1AUW
G3PFS
DJ2EY
RW3AG
KD8IW
UZ1AWV
UZ3AZO
UZ6AWA
UB4RWW
UZ1WWE
UP1BZZ
RB7GG
UZ9CWW
UZ3AZW
UA4WE
UV9WN

DX CALL

EW3AP
EX0DR
F2JD/A6
FG5BG
FH5EF
FK/JH1ORL
FK/JJ3IMX
FK0AW
FO0AQ
FO0BY
FO0ZR
FR4FA/J
FR5ES
FS/JA2EZD
FT5ZB
FV8NDX/P
FW/N6LYB
GB75DXN
HB0/DL1GSB
HC8VB
HI3JH
HI8LC
HL9AR
HL9CU
HV3SJ
HZ1AB
HZ1HZ
I2DMK/IP1
I2NYN/IP1
I88ITU
J52US
J73D
J79MD
J87CD
JT0TJ
JW5E
JW5LA
JW5NM
JX8KY
JY3ZH
JY8KS
JY8XY
K9AJ/KH5K
KC6HA
KH0AC
KH2D
KH2F
KJ4VH/VP2M
KL7LF/KH3
LS1E
OD5PL
OD5VT
OH6XY/4U
P29FG
P29HS
P29MM
R4L
S0RASD
S79WS
SV0FE
SV0FG
SX1RAAG
T22VU
T30BC
T32BH
T32JA
T32ZZ
T47CW
T5GG
TA1A
TA1E/2
TI2TEB
TK/DL7HZ

QSL TO

UA3PPF
RW3DR
F6AJA
FG4BG
F6EZV
JN1DPL
JN1DPL
F6BFH
F6EYS (F2DX)
F6FOL
WA9INK
F6FNU
F6FNU
JA2MNB
F6EYS (F2DX)
F6AJA
JJ3IMX
G4DYO
DL1GSB
KT1N
F6FNU
W2KF
K3LTV
AA6BB
I0DUD
K8PYD
N7RO
I2MQP
I2MQP
I8MPO
WA8JOC
W2OB
N4CRU
GW0AWT
HA1KSA
LA5NM
LA5LA
LA5NM
LA7ZO
DJ9ZB
VO1BD
OH6XY
WA2MOE
KA6V
K7ZA
KA3T
N2AU
KJ4VH
KL7LF
LU8DPM
HB9CRV
HB9CRV
OH3TY
WA0GUD
JH5KZC
K4MQG
UA4LCQ
EA2JG
DJ6QT
K0TLM
KA6UUS
SV1SV
DJ9ZB
ZL2QW
F6EXV
N6CW
JA5DQH
CO7KR
I2MQP
W4FRU
KA1DE
F6FNU
DL7HZ

DX CALL

TL8HW
TR8JLD
TV6OLE
TX0A
TY0LC
TY9SI (CW)
TZ6FIC
TZ6VV
UA0KK
UM8MK
UW3HY/1
V21WW
V31AK
V44KI
V47NXX
VI88NSW
VK0NE
VK9NKG
VK9XT
VK9YT
VP5LJ
VS6UO
VU2NTA
VU2TJW
VU2TTC
W0RLX/KH5
WY5L/KH3
XF1C
YB1AQ
YB3ASQ
YB8ASX
YN3EO
YS1GMV

QSL TO

KJ4GK
AK1E
F6AUS
F6HMQ
F6FNU
DJ6SI
FE6CRS/F6CRS
N0BLD
RB7GG
RA4HT
UW3HY
N0DH
DJ9JC
N0DH
AA4FS
VK2 BUREAU
VK9NS
VK6NKG
W7SW
W7SW
WN5K
G3IFB
N2AU
KE3A
W8XM
WA2MOE
N5DAS
WB6JMS
W4FRU
W7TSQ
K0IEA
Y32KE
W3HNC

DX CALL

ZK1DD
ZK1XB
ZK1XG
ZK1XV
ZL5BKM
ZP5XFA
ZS3BI
VU2ZAP
XE2HUM/XF4
XF1C
XO5FX
XR4TA
XX9CT
YB0ATA
YE4X
YE7SUN
YM2KC
YN3EO
YS1GMV
YW1A
ZD7AF
ZD7XY
ZD8AE
ZD9BV
ZF2KE
ZK1XG
ZK1XH
ZK2MB
ZL0AAC
ZL0ACF
ZL7AA
ZS3Z
ZS66AOO

QSL TO

G3MCN
HB9DKQ
G3MCN
VK2BCH
ZL2HE
W6TKV
DF2AL
W3HNC
W6RQ
WB6JMS
VE5FX
CE4TA
KA6V
N4JR
YB4FNN
YC7DF
TA1KA
Y32KE
W3HNC
YV1AVO
N2AU
W4FRU
G3LQP
W4FRU
K9DX
G3MCN
HB9CUY
NM7N
DL1MAM
4X6TT
ZL1AMO
ZS6BCR
WA3HUP

QSL Help Provided

- 5Z4DE was N4VV, QSL manager was W4PKM.
 - 5U7LD was via IN3RZY, but operation was not accepted for DXCC, and IN3RZY didn't QSL.
 - EA6VQ's card gives address as Box 1534, 07080 Palma de Maiorla, Spain. CBA and bureau also have worked.
 - P29EJ from 1981 is now VK4BKM, and will QSL.
 - 4S7WP QSLed from W.P.S.Perera, 11A Wijata Rd., Kolonnawa, Wellampitiya, Sri Lanka.
 - FB8WK is now via Jean Marie Niel F6EYB, 4 Rue Debussy, 91240 St. Michel sur Orge, France.
 - P4A has not been issued. May be P40A, QSL KA1XN.
 - DX9HT is via Ham 10 Radio Club, Box 96, Cagayah de Oro City, Philippines 9000.
- [Thanks to PY10L, KA1XN, OK1-30633, VE1ACK, K3ZO, and others for QSL help.]

QSL Notes

- Active QSL manager WA4WTG has a new address: 718 SE 3 Lane, Dania FL 33004. Kappy is manager for FY4AE TJ1BF V2AK ZF2GE 5Z4RH 6Y5MC 6Y5RL 8P6AH 8P6BN 8P6IB 8P0A P29RY 4X4FF/5N4 and many others.
- F2DX (ex-F6EYS) must turn over his manager chores to Joel Cathelain F6ESH, 4 Place de la Gendarmerie, 59710 Pont a Marq, France. QSL FT5ZB FT2XE FT5YB 6W2EX F00AQ TK5EP via F6ESH. QSL TP0CE/TP2CE CW QSOs to F6FSQ. QSL F2DX/FJ, /FS, /PJ5, and /PJ6 to F6BFH.
- VP2MU May 1988 is via W6AB, Box 5117, Vandenberg AFB CA 93437.
- 9Q6DX is via KQ3S, who should have QSLs by now.
- QSL 4C2JTW from CW WPX to CBA of AA5B.
- Paul Posey N4BPP wants to close out ZS1JD 9Y4DK 9Y4DRL 6W8IG C5ABV 5B4PC A9XDA A92DA logs, for QSOs prior to 1987. 1911 Courtney Dr., N. Augusta SC 29841.
- C31IU is via W8JAQ for QSOs 1975-1983 only. Activity this Spring was not by K9MW, and was probably a pirate. C31IU gave W9FSS as QSL manager. W9FSS is a Silent Key.
- Sergio LU1MPM handles AZ4M LU4M CE2/LU4MEE LU4MEE LU1MPK LU1MPU via bureau (Box 97, 1000 Buenos Aires) or direct to Box 382, 5500 Mendoza, Argentina.
- QSL LR1V via Radio Club Bariloche, Box 297, 8400 Bariloche, Argentina.
- Dave KZ8Y says he is not manager for 4S7AVR-8Q7AV. QSL these calls to Noel Lokuge, 15/2 Balahenmulla Lane, Colombo 6, Sri Lanka. Dave is manager for 4S7NMR 8Q7AZ (1984+) N8DCJ/8P6 and 8P6G (1983-4 only.)
- Recent Silent Key ZS5IV is QSLed via KA1ERN.
- New address for Zone 2 DXpeditioner VE2EDK is 37 Sauvageau, Beauport G1C 5N2 Quebec.
- Several P29 hams report problems with P29 bureau.

DX Call

QTH Information

4S7WP Box 80, Colombo, Sri Lanka
7X2FK Box 105, Rouiba, Algeria
AP2AU Box 224, Lahore, Pakistan
EP2DL David, Box 17845-151, Tehran, Iran
EP2HZ Hassan, Box 16765-3133, Tehran, Iran
HR1GSK Gary Hesler, Minas de Oro, Dept. of Com, Honduras
KK7K/DU3 Lon Tennant, PSC 2, Box 13383, APO San Francisco CA 96311
KX6HN Bill, Box 548, APO San Francisco CA 96555
N2HLZ/KP2 Brad Jamieson, Box 61, St. Thomas VI 00801
OK1AEX/5N0 Box 1009, Lagos, Nigeria
SV9AKD Box 1224, Iraklion, Crete, Greece
TE2D Teodoro Evans TI2TEB, Box 2612, San Jose 1000, Costa Rica
ZK2JT John Thompson, Box 37, Niue

Good Guy QSLers

The DX Bulletin salutes these QSLers who provided QSL service above and beyond the norm: 9K2KW for direct return without postage, BV2B, who returned one of two US\$ sent, NA2K and KN4F for one-week response from 4U1UN and TU4BR/5U7, and WA2MOE, who spent hours trying to tract a KH5K QSO for a West Coast DXer.

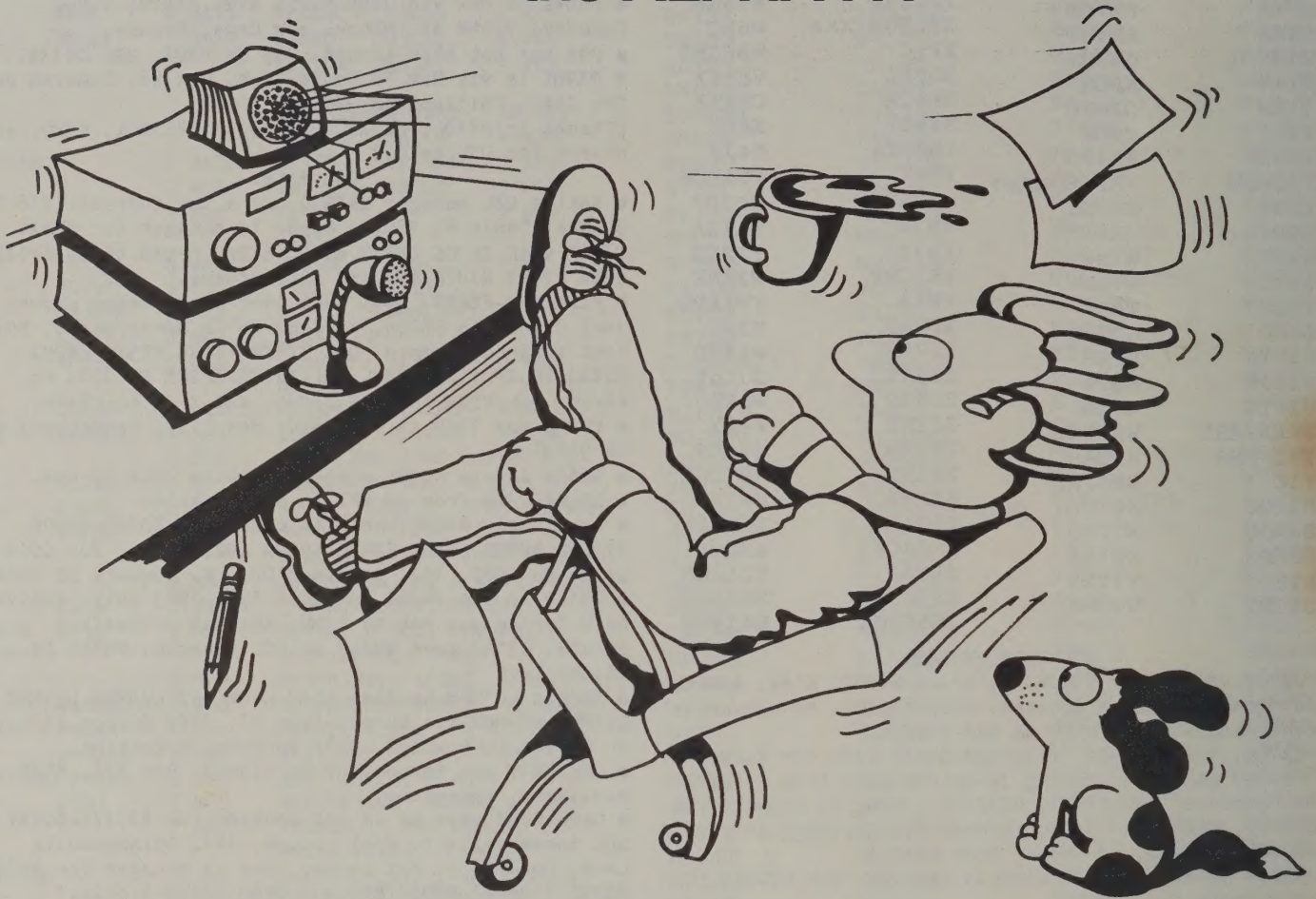
QSL Help Wanted

- UA1OT (6/87) for W3HCW. He tried W7PHO, KA6V, W3HNC, and direct, without success. Also CE0ICD. No answer in seven months, even with \$\$ and stamps.
- CR7LE, (72), VK9ES (71), and 5A1TG (68) for N6JM.
- PA0TAU has been chasing 10-meters QSLs from S9VCT (no response from K5VT), VE1CR/1 (9/79, no answer from VE7BTU), CP6EE (11/82, no answer via Callbook adr.), and 9M6MU (4/80, no answer from K2TJ.)
- W3KYN needs JH5KZC's address (manager for P29HS), and a route for C30LFC.
- VE1ACK continues to track ET2US from 1962. Op was Dick Cormier. Anyone know Dick? Another ET2US op was Bob Tracy K5KDN.
- W1TSP has traced his 1952 QSO with KT1BB to operator N.H. (Bud) Black. Any help?
- FB8XY's mail is returned from Kerquelen. Anyone have a new address to help N4KG?
- K2PEQ looks for help with CR6IU (1/67), KZ5MN (3/59), KZ5RH (4/59), W4RWY/1M, and KV4AA (5/59, K6PBT doesn't have early logs.)
- KE0Y needs H44HD (8/87) and CN8FA (3/88) info.
- PY10L wants PJ2HB (1/86, no answer from '86 Callbook adr.), VQ9DX (10/84, no answer from VQ9 bureau, op was N6KDC), 6T1YP (1/86, no answer from CBA), VQ9SK (3/86 no answer from WB6SKS), SV0CJ/SV5 (7/86, no answer from Box 349, Rhodes), and VE2ACP (3/87 no answer CBA)
- W9NTU looks for info on HL1XP CQ WPX SSB '88.
- A35AS (not 'SA) for VE7COP.

KH5/KH5K QSL Cards

Mike K9AJ reports that "the only cards returned in the past month are those 'not in the log.' In the future, where enclosed postage is insufficient, whatever number of cards can be accommodated in the enclosed SASE will be answered and all others sent by the bureau-the decision as to which cards to send direct being at the discretion of the QSL manager." [Thanks for clearing this up, Mike. Also, see note on manager WA2MOE at right. -ed.]

“... (click) ...
just turned on
the ALPHA...”



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But even we were surprised at the extent to which these top operators choose **ETO/ALPHA** over all other amplifier brands (see table).

**Table 4—Comparison of
HF Amplifier Manufacturers**

NCJ Survey 1988 vs 1981

| Manufacturer | 1988 | 1981 |
|--------------|------|------|
| Home-brew | 23% | 17% |
| ETO-Alpha | 21% | 17% |
| Heathkit | 20% | 37% |
| Dentron | 7% | 13% |
| Drake | 6% | — |
| Ameritron | 5% | — |
| Henry | 4% | 3% |
| Amp Supply | 3% | — |
| Other | 11% | 4% |

*Table and operator statistics
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Relay League, Inc.*

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